K / W - 4

GOVERNMENT OF KARNATAKA

BRUHAT BANGALORE MAHANAGARA PALIKE

OFFICE OF THE EXECUTIVE ENGINEER.,
SWD- WEST ZONE,
BBMP, 9th Floor, 4th Block,
Jayanagara, Bangalore-560011

TENDERS FOR THE WORK OF

Reconstruction of delapidated RCC Bridge and Road across V-100 Connecting Vijayanagar Pipe Line Road to Mysore Road in Padharayanapura & RCC Box Culvert of Various Vent Sizes wherever damaged in Chamarajpete Constituency in West Zone.

Volume-1

TENDER REFERENCENo::EE/SWD/WEST/TEND/ 03/2023-24.
DATED:-02.08.2024.

PERIOD OF SALE OF TENDER DOCUMENT : View KPPP Portal

LAST DATE FOR SALE OF TENDER DOCUMENT: View KPPP Portal

LAST DATE AND TIME FOR
RECEIPT OF TENDERS : View KPPPortal

TIME AND DATE OF OPENING OF TENDERS : will be intimated to the qualified Tenderers

PLACE OF OPENING OF TENDERS } **OFFICE OF THE EXECUTIVE ENGINEER., SWD- WEST Zone. , BBMP, 9th Floor, 4th Block, Jayanagara, Bangalore-560011**

ADDRESS FOR COMMUNICATION :

TENDER DOCUMENT ISSUED TO :

Contents

Section No.	Description	Page
1	INVITATION FOR TENDERS (IFT)	3
2	INSTRUCTIONS TO TENDERERS (ITT)	5
3	QUALIFICATION INFORMATION	22
4	FORM OF TENDER, LETTER OF ACCEPTANCE, NOTICE TOPROCEED WITH THE WORK AND AGREEMENT FORM	31
5	CONDITIONS OF CONTRACT (CC)	38
6	CONTRACT DATA	57
7	SPECIFICATIONS	64
8	DRAWINGS	65
9	BILL OF QUANTITIES	66
10	FORMAT OF BANK GUARANTEE FOR SECURITY DEPOSIT	67

BRUHATH BENGALURU MAHANAGARA PALIKE

No. EE/SWD/DHZ/TEND/03/2023-24

Office of the Executive Engineer
SWD, WEST Zone,
BBMP, 9th Floor,
Jayanagara Shopping Complex,
4th Block, Jayanagar,
Bengaluru-560 011
Dated: 02/08/2024

INVITATION FOR SHORT TERM TENDER (IFT)

(Through **GOK KPP Portal** only)

TWO COVER SYSTEM

1. **The Executive Engineer SWD-WEST zone, BBMP, Bangalore** invites tenders from eligible Contractors registered in Bruhat Bangalore Mahanagara Palike or equivalent registration with CPWD / KPWD / Railways / MES /National Highway or any State Government Organizations for the construction of works detailed in the table below. The Tenderers are advised to note the minimum qualification criteria specified in Clause 3 of the Instructions to Tenderer's to qualify for award of the contract (Standard Tender Document -KW4).

2. Tender documents may be downloaded from Government of Karnataka Public Procurement Portal https://KPPP.karnataka.gov.in under login of Contractors.

3. Tenders must be accompanied by earnest money deposit which shall be paid online through KPPP portal.

4. Tenders must be electronically submitted (on-line through internet) within the date and time published in KPPP portal. First Cover Tenders will be opened at prescribed time and date in the KPPP portal, in the presence of the Tenderers who wish to attend at the Office of The Executive engineer, SWD,WEST, BBMP, 9th Floor, Shopping complex. Jayanagara 4th Block, Bangalore – 560011.

5. Other details can be seen in the tender documents.

Sl. No.	Name of work	Amount put to Tender(in Lakhs)	Eligibility	EMD Amount (Rs In lakhs.)	Cost of Tender Document	Period of Completion (Including Monsoon)
1.	'Reconstruction of delapidated RCC Bridge and Road across V-100 Connecting Vijayanagar Pipe Line Road to Mysore Road in Padharayanapura & RCC Box Culvert of Various Vent Sizes wherever damaged in Chamarajpete Constituency in West Zone	959.00 (In lakhs.) (Including GST)	Class - 1 and Above	14.50 (In lakhs.)	As per KPPP portal	11 Months

Calendar of events:

- Pre-Bid Meeting is on **09.08.2024** at 16.30 hours at Office of the Chief engineer, SWD, , BBMP, 9th Floor, Shopping complex. Jayanagara 4th Block, Bangalore-560011.
- Last Date for receipt of Tenders is on **17.08.2024** up to 17:30 hours.
- Date of Opening of the Technical bid is on **19.08.2024** by 10:30 hours.
- Opening of the Financial bid:- will be intimated to the bidders.

Note:-

A. The bids are to be submitted in the electronic tendering system only. The tender comprises two cover systems Technical Bid and Financial Bid. The bid containing details of their capability to undertake the tender and scope of service to be carried out, this will be considered.

B. Tender documents may be downloaded from Government of Karnataka KPPP Portalhttps://KPPP.karnataka.gov.inunder login for contractors.

C. Contractor can access tender documents on the website, fill them and submit the completed tender document into electronic tender on the website https://KPPP.karnataka.gov.in after submitting the EMD and tender processing fee in the form of e-payment. EMD of the unsuccessful bidders will be refunded only after issue of LOA of successful bidder.

D. Bidder should attach all the scanned copies of certificates pertaining to their eligibility criteria, qualification information documents, failing which the bid will not be considered. No physical documents shall be considered. (also all scanned copies should be clearly visible and attested)

E. Any effort by the bidder to influence the client in the bid evaluation, bid comparison or contract award decision results in rejection of the bid.

F. TheBruhat Bengaluru MahanagaraPalike, Bengaluru reserves the right to accept / reject any or all tenders without assigning any reasons.

G. Corrigendum's / modifications / corrections, if any, will be published in the website only.

Further details of the work can be obtained in the Office of the Executive Engineer, Storm Water Drain, WEST Zone, BBMP, 9th Floor, Jayanagara 4th Block, Shopping Complex, Bengaluru-560 011 Off: 080 22441076/77, 9448303753 on all working days between 10:30 hours to 17:30 hours.

GOK KPPP portal https://KPPP.karnataka.gov.infor registration and e-payment details contact KPPP Helpdesk at 080- 22441076.

-Sd/-
Executive Engineer,
SWD-WEST Zone

1. Copy Submitted to the Hon'ble Administrator, BBMP for kind information.
2. Copy Submitted to the Hon'ble Chief Commissioner, BBMP for kind information.
3. Copy Submitted to the Special Commissioner (Project) / Engineer- in- Chief, BBMP for kind information.
4. Copy submitted to the All Zonal Commissioners / Joint Commissioners, BBMP for kind information.
5. Copy submitted to Chief Engineer, SWD, BBMP for kind information.
6. Copy submitted to All Zonal Chief Engineer, BBMP for information to display in notice board.
7. Copy to C.A.O., BBMP for kind information.
8. Copy to I.T. Advisor, BBMP to publish in the BBMP Website.
9. Copy to All Executive Engineers, (SWD), BBMP for necessary action with a request to publish in their notice boards.
10. Copy to Public Relation Officer, BBMP for information and to publish in two leading National News papers in Kannada and English.
11. Office Copy.

SECTION 2: INSTRUCTIONS TO TENDERERS (ITT)

Table of Clauses

A. General

1. Scope of Tender
2. Eligible Tenderers
3. Qualification of the Tenderer
4. One Tender per Tenderer
5. Cost of Tendering
6. Site Visit

B. Tender Documents

7. Content of Tender documents
8. Clarification of Tender Document
9. Amendment of Tender documents

C. Preparation of Tenders

10. Documents comprising the Tender
11. Tender prices
12. Tender validity
13. Earnest money deposit
14. Format and signing of Tender

D. Submission of Tenders

15. Sealing and marking of Tenders
16. Deadline for submission of Tenders
17. Late Tenders
18. Modification and Withdrawal of Tenders

E. Tender opening and evaluation

19. Opening of First Cover of all Tenders and evaluation to determine qualified Tenderers
20. Opening of Second Cover Tenders of qualified Tenders and evaluation
21. Process to be confidential
22. Clarification of Tenders
23. Examination of Tenders and determination of responsiveness
24. Correction of errors
25. Evaluation and comparison of Tenders

F. Award of contract

26. Award criteria
27. Employer's right to accept any Tender and to reject any or all Tenders
28. Notification of award and signing of Agreement
29. Security deposit
30. Advance payment and Security
31 Corrupt or Fraudulent Practices

A. General

1. Scope of Tender

The Executive Engineer (SWD-WEST ZONE), on behalf of the Commissioner BBMP (Referred to as Employer in these documents) invites tenders following Two Cover tender procedure, from eligible Tender ers, for the work of **Construction of RCC Bridge and road across V-100 connecting Vijayanagar Pipe Line Road to Mysore Road in Padharayanpura & RCC Box Culvert of Various vent size wherever damaged in Chamarjpete Constituency in West Zone** detailed in the Table given in the Invitation for Tenders (IFT). The Tenderers may submit tenders for any or all of the works detailed in the table given in IFT.

2. Eligible Tenderers

2.1 Tenderers shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by the Government of Karnataka.

2.2 **Tenders from Joint ventures are not acceptable.**

3.Qualification of the Tenderer:

3.1 All Tenderers shall provide the requested information accurately and sufficient details in Section 3: Qualification information.

3.2 To qualify for award of this contract, each Tenderer in its name should have in the last five years (i.e. 2019-20 to 2023-2024)

(a) Achieved in at least two financial years a Minimum financial turn over (in all classes of civil engineering construction works only) of **Rs.1920.00 lakhs.** in The tender should submit VAT/GST certificates to confirm the Annual turnover. The certificate should be duly certified by the Chartered Accountant in the turnover format. (Updated to the FY in which the tenders are invited. Financial turnover of previous years shall be given a weight of 10% per year to bring them to the price level of the FY in which the tenders are invited.)

(a) Mandating satisfactorily completed (at 90% of the contract value) as a prime contractor in similar nature of single work value not less than 50% (**Rs.480.00 Lakhs**) of the tender value. **Similar nature of work means the contractor should have completed (at 90% of the contract value) the work specialized in construction of Storm Water Drain around in any of the Metropolitan Areas of the Country only**. The intending bidder should submit completion certificate / work done certificate along with the contract certificate copies related to the work certified by the Engineer not less than the rank of Executive Engineer. The value of the completed works shall be given a weight of 10% per year to bring them to the price level of the FY in which the tenders are invited)

(b) The intending tenderer should submit work done certificates for the following nature of work executed in **any one financial year (for a continuous period of 12 Months)** in the last five years, the following

minimum quantities of work: (**usually 80% of the peak annual rate of construction)**

Sl No	Particulars	Quantities
1	Earthwork Excavation	**3900.00Cum**
2	Reinforced Cement Concrete M25 Grade	**750.00 Cum**
3	Reinforced Cement Concrete M30 Grade	**2200.00 Cum**
4	TMT Steel	**250.00MT**
5	Chain link Fencing	**710.00Sq m**

3.3 Each Tenderer should further demonstrate:

(a) Availability by owning and leasing/hiring of the required/specified key & critical equipment for this work provided as per the details of the table given below only the relevant documents (commitment agreement etc.,) for availability for this work are furnished:

Sl No	**Machinery**	**50%Own**	**50% Lease**	**Total Requirement**
1	**Chain Excavator**	**-**	**1**	**1**
2	**JCB/Earth Mover**	**1**	**1**	**2**
3	**Dewater Pump**	**1**	**1**	**2**
4	**Tipper-10 wheeler**	**2**	**1**	**3**
5	**Tractor**	**1**	**1**	**2**
6	**Water Tanker**	**2**	**1**	**3**

Plant and equipment to be mobilised for the work shall be in good serviceable Condition.

(b) Liquid assets and /or availability of credit facilities of no less than **Rs.295.00Lakhs(30% for amount put to tender)** (Credit lines/ letter of credit/ certificates from banks for meeting the fund requirement etc. (usually the equivalent of the estimated cash flow for three months in the peak construction period) for the work of "**Construction of RCC Bridge and road across V-100 connecting Vijayanagar Pipe Line Road to Mysore Road in Padharayanpura & RCC Box Culvert of Various vent size wherever damaged in Chamarjpete Constituency in West Zone"** only.

3.3.1 Tenderer shall:

a) Be registered with BBMP /BDA/ NHAI/ PWD/ CPWD or other Central/State agency, as required by law to perform his obligations under this contract;

b) Conduct a reasonable background check of the personnel employed by the Tenderer to execute the Works; and

c) Personnel employed by the Tenderer for the Works shall have requisite technical, financial or managerial qualifications along with necessary professional licenses.

3.4 To qualify for a package of contracts made up of more than one item of the Works set out in the table in IFT, the Tenderer must also demonstrate having experience and resources to meet the aggregate of the qualifying criteria or have MoU with original Manufacturers having the requisite qualification for the individual contracts.

3.5 Experience and resources of sub-contractors of Tenderer shall not be taken into account in determining the Tenderer's compliance with the qualifying criteria except for other allied technical work such as electrical works and plumbing works. In such a case, sub-contractors shall comply with Clause 3.2 (b) and Clause 3.3 of ITT.

3.6 Tenderers who meet the above specified minimum qualifying criteria, will only be qualified, if the available tender capacity is more than the total tender value. The available tender capacity will be calculated as under:
Assessed available tender capacity = (A*N*1.5 – B)

Where,

A = Maximum value of works executed in any one year during the last five years taking into account the completed as well as works in progress (updated to FY 2022-23 price level)

N =Number of years prescribed for completion of the works for which tenders are invited.

B = Value, at FY 2022-23 price level, of existing commitments and on-going works to be completed during the next 12months (period of completion of the works for which tenders are invited – excluding monsoon period)

Note: 1).The statements showing the value of existing commitment and ongoing works as well as the stipulated period of completion remaining for each of the works listed should be countersigned by the respective employer in charge, not below the rank of an Executive Engineer or equivalent.As per the table 3A & 3B of Section-3 of Qualification information.

3.7 Tenderers shall be immediately disqualified if they are found to have any or all of the below:

- made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements;
- record of poor performance such as, but not limited to, abandoning the works, not properly completing the contract, inordinate delays in completion;
- litigation history;
- financial failures;
- participated in the previous Tender for the same work and had quoted unreasonably high tender prices and could not furnish rational justification.

4. One Tender per Tenderer

4.1 Each Tenderer shall submit only one tender for one package. A Tenderer who submits or participates in more than one Tender (other than as a sub-contractor or in cases of alternatives that have been permitted by the employer) will cause all the proposals with the Tenderer's participation to be disqualified.

5. Cost of Tendering

5.1 The Tenderer shall bear all costs associated with the preparation and submission of his tender, and the Employer will in no case be responsible and liable for those costs.

6. Site visit

6.1 The Tenderer or a representative of the Tenderer, at the expense, risk and responsibility of the Tenderer, must make a physical visit to and examine the Site of Works and its surroundings, and obtain all information that may be necessary for preparing the Tender and entering into a contract for construction of the Works.

B. Tender documents

7. Content of Tender documents

7.1 Tender documents shall have all the Sections given under 'Contents of Tender Document' in this document.

8. Clarification of Tender Documents

8.1 A prospective Tenderer requiring any clarification with respect to the tender documents may notify the Employer in writing or by cable (hereinafter "Cable" includes telex and facsimile) at the Employer's address indicated in the invitation to tender. The Employer will respond to any request for clarification that he receives 15 days prior to the deadline for submission of tenders. Copies of the Employer's response will be forwarded to all purchasers of the tender documents, including a description of the enquiry but without identifying its source.

8.2 Pre-tender meeting:

8.2.1 The Tenderer or his authorized representative is invited to attend a pre-tender meeting that will take place at the office of the Employer at a date and time as mentioned in the e-procurement portal.

8.2.2 The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage

8.2.3 The Tenderer is requested to submit any questions in writing or by written electronic communication to reach the Employer not later than one week before the meeting.

8.2.4 Minutes of the meeting, including the text of the questions raised (without identifying the source of enquiry) and the responses given will be transmitted without delay to all purchasers of the tender documents. Any modification of the tender documents listed in sub-clause 7.1 which may become necessary as a result of the pre-tender meeting shall be made by the Employer exclusively through the issue of an Addendum pursuant to Clause 9 and not through the minutes of the pre-tender meeting.

8.2.5 Non-attendance at the pre-tender meeting will not be a cause for disqualification of a Tenderer.

9. Amendment of Tender documents

9.1 Before the deadline for submission of tenders, the Employer may modify the tender documents by issuing addenda and notifying the same to all purchasers of the tender documents.

9.2 Any addendum thus issued shall be part of the tender documents and shall be posted online in the e-procurement portal that Tenderers should download.

9.3 To give prospective Tenderers reasonable time in which to take an addendum into account in preparing their tenders, the Employer shall extend as necessary the deadline for submission of tenders on-line through e-procurement portal, in accordance with sub-clause 16.2 below.

C. Preparation of Tenders

10. Documents comprising the Tender

10.1 The tender submitted by the Tenderer shall be in two covers/folders and shall contain the documents as follows:

10.1.1 First Cover:/Folder (Only online)

a) EMD; on-line payment through KPPP platform;
b) Qualification Information as per formats given in Section 3;
c) Tender transaction fee. Online payment through e-Procurement platform;
d) General eligibility criteria;
e) Document / evidence required from the tenderer.

10.1.2 Second Cover: (Only online)

a) The Tender (in the format indicated in Section 4(I))
b) Priced Bill of Quantities (as per formats given in Section 9); online through e-procurement portal; and
c) Any other materials required to be submitted by Tenderers in accordance with these instructions. The documents listed under Sections 3, 4(I), 6 and 9 shall be filled in without exception.

10.2 Tenderers submitting tenders together with other contracts stated in the IFT to form a package will so indicate in the tender together with any discounts offered for the award of more than one contract.

11. Tender prices

11.1 The contract shall be for the whole Works as described in sub-clause 1.1, based on the priced Bill of Quantities submitted by the Tenderer.

11.2 The Tenderer shall fill in rates and prices and line item total (both in figures and words) for all items of the Works described in the Bill of Quantities along with total tender price (both in figures and words). Items for which no rate or price is entered by the Tenderer will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities. Corrections, if any, shall be made online only before the submission of the tender.

11.3 All duties, taxes, and other levies payable by the Contractor under the contract, or for any other cause, shall be included in the rates, prices and total Tender Price submitted by the Tenderer.

11.4 The rates and prices quoted by the Tenderer shall be subject to adjustment during the performance of the Contract in accordance with the provisions of Clause40 of the Conditions of Contract.

12. Tender validity

12.1 Tenders shall remain valid for a period not less than **180**days after the deadline date for tender submission specified in Clause 16. Any tender valid for a shorter period shall be rejected by the Employer as non-responsive.

12.2 In exceptional circumstances, prior to expiry of the original time limit, the Employer may request that the Tenderers may extend the period of validity for a specified additional period. The request and the Tenderer's response shall be made in writing or by written electronic communication. A Tenderer may refuse the request without forfeiting his EMD. A Tenderer agreeing to the request will not be required or permitted to modify his tender, but will be required to extend the validity of his EMD for the period of the extension, and in compliance with Clause 13 in all respects.

13. Earnest Money Deposit

13.1 The Tenderer shall furnish, as part of his tender, Earnest Money Deposit (EMD) in the amount as mentioned in IFT of **Rs.14.50 Lakhs** through e paymentfor this particular Work. Shall be paid in the KPPP portal using any of the following modes**.**

- Credit Card.
- Direct Debit.
- National Electronic Fund Transfer (NEFT).
- Over the Counter (OTC).

NEFT Payment Procedure

If a Tenderer chooses to make Payment of EMD / Tender Processing Fee using Reserve Bank of India's (RBI) National Electronic Fund Transfer (NEFT) System, the Tenderer will need to log into KPPP System, access the Tender for which Bid is being created and then select the NEFT Option under the Payment Section and print the Challan shown in that Section. The Printed Challan will have the Unique Bid Reference Number, Account Details of Government of Karnataka and the Amount to be remitted. The Tenderer shall submit the Printed Challan to its Bank Branch (NEFT enabled) and request for an Account – to – Account Transfer, wherein the money will get transferred from the Tenderer's Bank Account to GOK's Bank Account. The Tenderer shall ensure that NEFT Transfer Instructions are executed and the Funds are wired to the Government of Karnataka's Principal Account before the Last Date for Bid Submission and preferably 24 hours before the Last Date for Bid Submission. If the Tenderer's Bank transfers / wires the money after the Last Date for Bid Submission, the Tenderer's Bid will be liable for rejection. Upon executing the Transfer, the Tenderer's Bank will provide a Reference Number generated by NEFT Software as Confirmation of Transfer, which has to be input by the Tenderer in the Payment Section of its Bid as Payment Confirmation before the Bid is submitted i.e. as a pre requisite for Bid Submission. The Account Number from which the Funds were transferred shall be input in the KPPP System as part of its Bid also.

OTC Payment Procedure

If a Tenderer chooses to make Payment of EMD / Tender Processing Fees Over The Counter (OTC) in any of the designated ICICI Bank Branches listed in the KPPP Portal, the Tenderer will need to log into KPPP System, access the Tender for which Bid is being created and then select the OTC Option under the Payment Section and print the Challan shown in that Section. The Printed Challan will have the Unique Bid Reference Number and the Amount to be remitted along with the Challan. The Tenderer can choose to make the Payment either in the form of Cash or in the form of Demand Draft. Cheque Payments will not be accepted. The Tenderer is requested to specifically inform the Bank Officer to input the Unique Bid Reference Number printed in the Challan in the Banking Software. Upon successful Receipt of the Payment, the Bank will provide a 16 Digit Reference Number acknowledging the Receipt of Payment. This 16 Digit Reference Number has to be input by the Tenderer in the Payment Section of its Bid as Payment Confirmation before the Bid is submitted i.e. as a pre requisite for Bid Submission.

13.2 EMD Amount shall be submitted by the Tenderer taking into account of the following Conditions.

a. **EMD shall be accepted only in the form of Electronic Cash will be maintained in the Government's Central Pooling Account** at ICICI Bank until the Work is awarded
b. The Tenderer's Bid will be evaluated only on Confirmation of Receipt of the Payment of EMD as indicated in Sub Clauses 13.1 and 13.2.

13.3 Any Tender not accompanied by an acceptable EMD and not secured as

indicated in Sub Clauses 13.1 and 13.2 above shall be rejected by the Employer as Non Responsive.

13.4 The Earnest Money Deposit of the Unsuccessful Tenderers will be returned within 30 days of the end of the Tender Validity Period as specified in Sub Clause 12.1.

13.5 The Earnest Money Deposit of the Successful Tenderer will be discharged only when the Tenderer has signed the Agreement and furnished the required Performance Security.

13.6 The Earnest Money Deposit may be forfeited

a. If the Tenderer withdraws the Tender after Tender Opening during the Period of Tender Validity;
b. If the Tenderer does not accept the Correction of the Tender Price, pursuant to Clause 24; or
c. In the case of a successful Tenderer, if the Tenderer fails within the specified time limit to
   i. Sign the Agreement; or
   ii. Furnish the required Performance Security.

14. Format and signing of Tender

Tenderer shall submit the Bid electronically before the submission date and time published in e-procurement portal.

D. Submission of Tenders

15.. Sealing and marking of tenders

Tenderer shall submit the Tender document electronically before the submission date and time published. The document for submission shall be uploaded in PDF format and submitted in the order mentioned below**.**

1. Content sheet with name of folder / file, No of pages in each folder / file and size of the folder/file.

FIRST COVER /FOLDER (TECHNICAL PART)

1.. As per Section 3 – Qualification information

a. Qualification information summary sheets
b. Affidavit as per the format attached in qualification information.
c. Brief description of tenderer with the details of contact person for communication with BBMP
d. Attested copy of Registration certificate of the contractor
e. EMD as specified in the Table of I TT in the document.
f. Power of attorney for signing the tender as per the format attached in qualification information.

g. Work performed & quantity executed as per Table 1 & 2 with supporting certificates from client for the claims mentioned in tables 1 & 2 of qualification information.

h. Tables 3 A & 3 B of qualification information with supporting certificate from client &calculation sheet for available tender capacity.

i. Availability of machinery as per Table 4 of qualification information.

j. Experience & qualification of key persons as per Table 5 of qualification information.

k. Financial statement for past five F.Y, contains balance sheet, profit & loss, statement on cash on hand, liquid assets etc from Charted Accountant.

l. Line of credit and details of tenderer's bank with reference as per format attached in qualification information.

m. Litigation history as per Table 7. Of qualification information.

n. Method adopted for construction program, bar chart, quality assurance program as per clause 1.13 of qualification information

SECOND COVER/FOLDER (FINANCIAL PART)

a. Form of tender as per section 4 (I) of tender document.
b. Priced Bill of Quantity.
c. Any other materials required to be completed and submitted by Tenderers in accordance with ITT.

16. Deadline for submission of the Tenders

16.1 Tenders must be submitted on-line in the KPPP portal of the Employer before the notified date and time.

16.2 The Employer may extend the deadline for submission of tenders by issuing an amendment in accordance with Clause 9, in which case all rights and obligations of the Employer and the Tenderers previously subject to the original deadline will then be subject to the new deadline.

17. Late Tenders

17.1 In online KPPP system, you shall not be able to submit the Tender after the Tender submission time and date as the icon or the task in the KPPP portal will not be available.

18. Modification and Withdrawal of Tenders

18.1 Tenderer has all the time to modify and correct or upload any relevant document in the portal till tender submission date and time, as published in the KPPP portal. In KPPP portal the Contractor has the option of withdrawing the Tender by digitally signing to withdraw/cancel Tender before the Tender submission time/date.

E. Tender opening and evaluation

19. Opening of First Cover/folder (Technical Part) of all Tenders and evaluation to determine qualified Tenderers:

19.1 The Employer will open online the First Covers of all the Tenders received through KPPP portal, in the presence of the Tenderers or their representatives who choose to attend on the date and the place specified in the KPPP portal. In the event of the specified date of Tender opening being declared a holiday for the Employer, the Tenders will be opened at the appointed time and location on the next working day.

19.2 The Tenderers' names, the presence or absence of EMD (amount, format and validity), the submission of qualification information and such other information as the Employer may consider appropriate will be announced by the Employer at the opening.

19.3 The Employer shall prepare minutes of the Tender opening, including the information disclosed to those present in accordance with sub-clause 19.2.

19.4 The Employer will evaluate and determine whether each tender
(a) meets the eligibility criteria defined in ITT Clause 2;
(b) is accompanied by the required EMD as per stipulations in ITT Clause; and
© meets the minimum qualification criteria stipulated in ITT Clause 3. The Employer will draw out a list of qualified Tenderers.

20. Opening of Second Cover/folder (Financial Part) of qualified Tenderers and evaluation:

20.1 The Employer will inform all the Qualified Tenderers the time, date and venue fixed for the opening of the Second Cover containing the priced Tenders. The Employer will open online the Second Covers of qualified Tenderers at the appointed time and date (as indicated in the e-procurement portal) in the presence of the Tenderers or their representatives who choose to attend. In the event of the specified date of Second Cover opening being declared a holiday for the Employer, the Second Covers will be opened at the appointed time and location on the next working day.

20.2 The Employer shall prepare minutes of the Second Cover Tender opening.

21. Process to be confidential

21.1 Information relating to the examination, clarification, evaluation, and comparison of Tenders and recommendations for the award of a contract shall not be disclosed to Tenderers or any other persons not officially concerned with such process until the award to the successful Tenderer has been announced. Any effort by a Tenderer to influence the Employer's processing of Tenders or award decisions may result in the rejection of his Tender.

22 Clarification of Tenders

22.1 To assist in the examination, evaluation, and comparison of Tenders, the Employer may, at his discretion, ask any Tenderer for clarification of his Tender, including breakdowns of unit rates. The request for clarification and the

response shall be in writing or by cable, but no change in the price or substance of the Tender shall be sought, offered, or permitted except as required to confirm the correction of arithmetic errors discovered by the Employer in the evaluation of the Tenders in accordance with Clause 24.

22.2 Subject to sub-clause 22.1, no Tenderer shall contact the Employer on any matter relating to its Tender from the time of the Tender opening to the time the contract is awarded. If the Tenderer wishes to bring additional information to the notice of the Employer, it should do so in writing.

22.3 Any effort by the Tenderer to influence the Employer in the Employer's Tender evaluation, Tender comparison or contract award decisions may result in the rejection of the Tenderers' Tender.

23. Examination of Tenders and determination of responsiveness

23.1 Prior to the detailed evaluation of Tenders, the Employer will determine whether each Tender; (a) has been properly signed; and; (b) is substantially responsive to the requirements of the Tender documents.

23.2 A substantially responsive Tender is one which conforms to all the terms, conditions, and specifications of the Tender documents, without material deviation or reservation. A material deviation or reservation is one (a) which affects in any substantial way the scope, quality, or performance of the Works; (b) which limits in any substantial way, inconsistent with the Tender documents, the Employer's rights or the Tenderer's obligations under the Contract; or (c) whose rectification would affect unfairly the competitive position of other Tenderers presenting substantially responsive Tenders.

23.3 If a Tender is not substantially responsive, it will be rejected by the Employer, and may not subsequently be made responsive by correction or withdrawal of the nonconforming deviation or reservation.

24. Correction of errors

24.1 The Tenderer may modify the tender only before the last date for submission of the tender, as indicated on the KPPP portal.

25. Evaluation and comparison of Tenders

25.1 The Employer will evaluate and compare only the Tenders determined to be substantially responsive in accordance with Clause 23.

25.2 The Employer reserves the right to accept or reject any variation, deviation, or alternative offer. Variations, deviations, and alternative offers and other factors which are in excess of the requirements of the Tender documents or otherwise result in unsolicited benefits for the Employer shall not be taken into account in Tender evaluation.

25.3 The estimated effect of the price adjustment conditions under Clause 40 of the Conditions of Contract, Section 5, during the implementation of the Contract, will not be taken into account in tender Evaluation

25.4 If the tender of the successful Tenderer is seriously unbalanced in relation to the Employer's estimate of the cost of the work to be performed under the contract, the Employer may require the Tenderer to produce detailed price analysis for any or all items of the Bill of Quantities, to demonstrate the internal consistency of those prices with the construction methods and schedule proposed. After evaluation of the price analyses, the Employer may require that the amount of the Performance Security set forth in Clause 29 be increased at the expense of the successful Tenderer to a level sufficient to

protect the Employer against financial loss in the event of default of the successful Tenderer under the contract and/or effect pro rata deductions in the running bills so as to cover such amount that would be required to have the remaining work completed should the tenderer fail to complete the work due to acceptance of unbalanced tender .

F. Award of Contract

26. Award criteria

26.1 Subject to Clause 27, the Employer will award the Contract to the Tenderer whose Tender has been determined to be substantially responsive to the Tender documents and who has offered the lowest evaluated Tender price, provided that such Tenderer has been determined to be
(a) eligible in accordance with the provisions of Clause 2 of Section 2, and
(b) qualified in accordance with the provisions of Clause 3 of Section 2.

27. Employer's right to accept any Tender and to reject any or all Tenders

27.1 Notwithstanding Clause 26, the Employer reserves the right to cancel the Tender process and reject all Tenders, at any time prior to the award of Contract, without thereby incurring any liability to the affected Tenderer or Tenderers with an adequate explanation justifying such action.

28. Notification of award and signing of Agreement

28.1 The Tenderer whose Tender has been accepted will be notified of the award by the Employer prior to expiration of the Tender validity period by, e-mail or facsimile or e-procurement portal or through letter. This letter (hereinafter and in the Conditions of Contract called the "Letter of Acceptance") will state the sum that the Employer will pay the Contractor in consideration of the execution, completion, and maintenance of the Works by the Contractor as prescribed under the Contract (hereinafter and in the Contract called the "Contract Price").

28.2 The notification of award will constitute the formation of the Contract, subject only to the furnishing of Security Deposit in accordance with the provisions of Clause 29.

28.3 The Agreement will incorporate all agreements between the Employer and the successful Tenderer. It will be kept ready for signature of the successful Tenderer in the office of Employer within 30 days following the notification of award along with the Letter of Acceptance. Within 20 days of receipt, the successful Tenderer is required to sign the Agreement and deliver it to the Employer.

28.4 Upon the furnishing by the successful Tenderer of the Security Deposit, the Employer will promptly notify the other Tenderers that their Tenders have been unsuccessful.

29. Security Deposit

29.1 Within 20 days of receipt of the Letter of Acceptance, the successful Tenderer shall deliver to the Employer a Security Deposit in any of the forms given below for an amount equivalent to **5%** of the Contract price plus additional security for unbalanced tenders in accordance with Clause 25.5 of ITT and Clause 43 of the Conditions of Contract for the Works.

- Cash
- Banker's cheque/Demand draft/Pay Order in favour of The Commissioner , BBMP, Bengaluru payable at Bengaluru
- The Bank guarantee in the form given in Section 10.
- Specified small savings instruments pledged to EE SWD

29.2 If the Security Deposit is provided by the successful Tenderer in the form of Bank guarantee, it shall be issued either by nationalized / scheduled Bank.

29.3 The Security Deposit if furnished in cash or demand draft can, if requested, be converted to interest bearing securities at the cost of the successful Tenderer ("**contractor**").

29.4 Failure of the successful Tenderer to comply with the requirements of Clause 29.1 shall constitute sufficient grounds for cancellation of the award and forfeiture of the EMD.

30 Advance Payment

30.1 The Employer will provide an advance payment on the contract price as stipulated in Clause 42 of the Conditions of Contract, subject to the maximum amount as stated in the Section 6, Contract Data.

31. Corrupt or Fraudulent practices

31.1 The Government of Karnataka (GOK) requires that the Tenderers/Suppliers/Contractors, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, GOK:

(a) will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

(b) will declare any organization as ineligible, either indefinitely or for a stated period of time, to be awarded a GOK contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a GOK contract.

31.2 Furthermore, Tenderers shall be aware of the Termination provision stated in Clause 50 of the Conditions of Contract.

SECTION 3 : QUALIFICATION INFORMATION

The information to be filled in by the Tenderer hereunder will be used for purposes of computing Tender capacity as provided for in Clause 3 of the Instructions to Tenderers. This information will not be incorporated in the Contract.

1.1 Constitution or legal status of Tenderer [Attach copy]

Place of Registration _____
(Attach Copy)

Principal place of business: _____

1.2 Total value of **civil engineering works** executed and payments received in the last five years (in Rs. Lakhs)

2017-18_____
2018-19_____
2019-20_____
2020-21_____
2021-22_____

1.3 Work performed as Prime Contractor (in the same name) on works of similar nature over during the five years specified in 1.2 above.

TABLE 1

Project Name	Name Employer	Description of work	Contract No.	Date of Issue of work order	Value of Contract Rs. Lakhs	Specified period of completion	Actual date of completion	Remarks explaining reasons for delay in completion of work
1	2	3	4	5	6	7	8	9

1.4 Quantities of work executed as prime contractor (in the same name) during the last five years specified in 1.2 above:

TABLE 2

Year	Name of Work	Name of Employer	Quantity of work performed units	Remarks (Indicate contract reference)
2017-18				
2018-19				
2019-20				
2020-21				
2021-22				

1.5 Information on works for which Tenders have been submitted and works which are yet to be completed as on the date of this Tender.

(A) Existing commitments and on-going works:

TABLE 3 (A)

Description of work	Place & State	Contract No.& Date	Name and Address of Employer	Value of Contract Rs. Lakhs	Specified period of completion	Value of works remaining to be completed (Rs.Lakhs	Anticipated date of completion
1	2	3	4	5	6	7	8

TABLE 3(B) Works for which Tenders already submitted:

Description of work	Place & State	Name and Address of Employer	Estimated value of work (Rs.Lakhs)	Specified period of completion	Date when decision is expected	Remarks if any
1	2	3	4	5	6	7

1.6. The following items of equipment are considered essential for successfully carrying out the works. The Tenderer should furnish all the information listed below.

TABLE 4

Item of work	Requirement		Owned	Owned & Available		Remarks
	No	Capacity		Number/ Capacity	Age/Condition	

1.7 Reports on the financial standing of the tenderer, such as profit and loss statements and auditor's reports for the last five years;

1.8 Qualification and experience of the key technical and management personnel in permanent employment with the tenderer and those that are proposed to be deployed on this contract, if awarded.

TABLE 5

Position Name Qualification	Name	Qualification	Year of Experience (General)	Years of experience in the proposed position	Nos Proposed

Project / Construction					
Manager - Civil Works					
Asst. Construction					
Manager – Civil Works					
Structural Engineer					
Planning Engineer					
Quality Engineer					
Safety Engineer					
Field / Construction					
Engineers					
Field / Site Supervisors					
Computer Operator					

Note: Tender shall submit the details in separate sheets for office and field staff proposed

1.9 Name, address, and telephone, telex, and fax numbers of the Tenderers' bankers who may provide references if contacted by the Employer.

1.10 Evidence of access to financial resources to meet the qualification requirement specified in Section 2. ITT sub-clause3.3 (b): Cash in hand, Letter of Credit etc. List them below and attach certificate from the Banker in the suggested format as under:

1.11 ~~Proposals for subcontracting components of works amounting to more than 20% of the contract price.~~Deleted.

(Separate sheet should be added as per the table below)
(Attached (Yes/No)

~~TABLE 6~~Deleted.

Item of works	Value of Sub-contract	Sub-contractor	Experience in similar work *

**Attach certificate(s) from the respective employer*

1.12 Information on litigations in which the Tenderer is involved:
(Separate sheet should be added as per the table below)
(Attached (Yes/No)

TABLE 7

Other Party (ies)	Employer	Cause of Dispute	Amount involved	Remarks showing

1.13 The proposed methodology and program of construction, backed with equipment planning and deployment, duly supported with broad calculations and quality control procedures proposed to be adopted, justifying their capability of execution and completion of the work as per technical specifications within the stipulated period of completion as per milestones.
(Separate sheets should be added)
(Attached (Yes/No)

1.14 **Additional Requirements**
Tenderer should provide any additional information required to fulfill the requirements of Clause 3.1 of the Instructions to the tenderers, if applicable.
(i) Affidavit as per the format given in qualification information (Attached (Yes/No)
(ii) Undertaking as per the format given qualification information. (Attached (Yes/No)

BANKER'S CERTIFICATE

This is to certify that M/s. ..... is a reputed company with a good financial standing. If the contract for this work, namely **"Construction of RCC Bridge and road across V-100 connecting Vijayanagar Pipe Line Road to Mysore Road in Padharayanpura & RCC Box Culvert of Various vent size wherever damaged in Chamarjpete Constituency in West Zone"** is awarded to the above firm, we shall be able to provide overdraft/credit facilities to the extent of **Rs.** _____ lakhs to meet the working capital requirements for executing the above contract.

Name of the Bank, Senior Bank

Manger

Address:.....

Power of Attorney for signing of Application

(Refer Clause 1.1e of qualification Information)

Know all men by these presents, We ..... (name of the firm and address of the registered office) do hereby irrevocably constitute, nominate, appoint and authoriseMr/ Ms (name), ...son/daughter/wife of ..... and presently residing at ...., who is presently employed with us and holding the position of..... , as our true and lawful attorney (hereinafter referred to as the "Attorney") to do in our name and on our behalf, all such acts, deeds and things as are necessary or required in connection with or incidental to submission of our application for Qualification and submission of our tender for the ***** Project proposed or being developed by the ***** (the "Authority") including but not limited to signing and submission of all applications, tenders and other documents and writings, participate in Pre-Applications and other conferences and providing information/ responses to the Authority, representing us in all matters before the Authority, signing and execution of all contracts including the Concession Agreement and undertakings consequent to acceptance of our tender, and generally dealing with the Authority in all matters in connection with or relating to or arising out of our tender for the said Project and/ or upon award thereof to us and/or till the entering into of the Concession Agreement with the Authority.

AND we hereby agree to ratify and confirm and do hereby ratify and confirm all acts, deeds and things done or caused to be done by our said Attorney pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by our said Attorney in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us.

IN WITNESS WHEREOF WE, ... , THE ABOVE NAMED PRINCIPAL HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS ... DAY OF.....2 ....

For

.....

(Signature, name, designation and address)

Witnesses:

1.
(Notarised)
2.

Accepted

(Signature)

(Name, Title and Address of the Attorney)

Notes:

- *The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required, the same should be under common seal affixed in accordance with the required procedure.*
- *Wherever required, the Applicant should submit for verification the extract of the charter documents and documents such as a board or shareholders' resolution/ power of attorney in favour of the person executing this Power of Attorney for the delegation of power hereunder on behalf of the Applicant.*
- *For a Power of Attorney executed and issued overseas, the document will also have to be legalised by the Indian Embassy and notarised in the jurisdiction where the Power of Attorney is being issued. However, the Power of Attorney provided by Applicants from countries that have signed the Hague Legislation Convention 1961 are not required to be legalised by the Indian Embassy if it carries a conforming Appostille certificate.*

AFFIDAVIT

(Refer Clause 1.14 of qualification Information)

1. I, the undersigned, do hereby certify that all the statements made in the required attachments are true and correct.

2. The undersigned also hereby certifies that neither our firm

   M/s _____ have abandoned any work on National Highways in India nor any contract awarded to us for such works have been rescinded, during last five years prior to the date of this tender

3. The undersigned hereby authorise (s) and request(s) any bank, person, firm or corporation to furnish pertinent information deemed necessary and requested by the Department to verify this statement or regarding my (our) competence and general reputation.

4. The undersigned understand and agrees that further qualifying information may be requested, and agrees to furnish any such information at the request of the Department/ Project implementing agency.

(Signed by an Authorised Officer of the Firm)

Title of Officer

Name of Firm

DATE

UNDERTAKING

(Refer Clause 1.14 of qualification Information)

I, the undersigned do hereby undertake that our firm M/s

_____ agree to abide by this tender for a period 120days for the date fixed for receiving the same and it shall be binding on us and may be accepted at any time before the expiration of that period.

(Signed by an Authorized Officer of the Firm)

Title of Officer

Name of Firm

DATE

SECTION 4: FORMS OF TENDER, LETTER OF ACEPTANCE, NOTICE TO PROCEED WITH THE WORK AND AGREEMENT FORM

Form of Tender

Description of the Works: "Construction of RCC Bridge and road across V-100 connecting Vijayanagar Pipe Line Road to Mysore Road in Padharayanpura & RCC Box Culvert of Various vent size wherever damaged in Chamarjpete Constituency in West Zone"

Tender

To : The Executive Engineer, SWD-WEST ZONE, BBMP, Jayanagar, Bangalore- 560011

Address :

GENTLEMEN,

We offer to execute the Works described above in accordance with the Conditions of Contract accompanying this Tender for the Contract Price of _____ *[in figures]* (_____) *[in letters]*.[1]

This Tender and your written acceptance of it shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any Tender you receive.

The advance payment required is Rs.....

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".

We hereby confirm that this Tender complies with the Tender validity and Earnest money deposit required by the Tender documents.

We attach herewith our current income-tax clearance certificate.

Yours faithfully,

Authorized Signature:
Name & Title of Signatory:
_____

Name of Tenderer _____

Address: ----------

Letter of Acceptance

_____

(Letterhead paper of the Employer)

_____ [date]

To: _____ [name and address of the Contractor]

Dear Sirs,

This is to notify you that your Tender dated _____ for execution of **"Construction of RCC Bridge and road across V-100 connecting Vijayanagar Pipe Line Road to Mysore Road in Padharayanpura & RCC Box Culvert of Various vent size wherever damaged in Chamarjpete Constituency in West Zone".**[Name of the contract and identification number, as given in the Instructions to Tenderers] for the Contract Price of Rupees_____ (_____) [amount in words and figures], as corrected and modified in accordance with the Instructions to Tenderers is hereby accepted by our Agency.

You are hereby requested to furnish Security deposit plus additional security for unbalanced tenders in terms of Clause 25.5 of ITT, in the form detailed in Clause 29.1 of ITT for an amount of Rs.———— within 20 days of the receipt of this letter of acceptance valid up to 30 days from the date of expiry of Defects Liability Period i.e. up to ..... and sign the contract, failing which action as stated in Para 29.4 of ITT will be taken.

Yours faithfully,

Authorized Signature

Name and Title of Signatory

Name of Agency----------

Issue of Notice to proceed with the work

(Letterhead of the Employer)

———— (date)

To

——————————— (name and address of the Contractor)

———————————

———————————

Dear Sirs:

Pursuant to your furnishing the requisite security deposit as stipulated in ITT Clause 29.1 and signing of the contract agreement for the construction of ———— [2]a Tender Price of Rs.————, you are hereby instructed to proceed with the execution of the said works in accordance with the contract documents.

Yours faithfully,

(Signature, name and title of signatory authorized to sign on behalf of Employer)

———————————

Agreement Form

Agreement

This agreement, made the _____day of _____20_____, between_____ _____[name and address of Employer] (hereinafter called "the Employer") of the one part and _____ _____ _____[name and address of contractor] (hereinafter called "the Contractor") of the other part.

Whereas the Employer is desirous that the Contractor execute _____ _____ _____[name and identification number of Contract] (hereinafter called "the Works") and the Employer has accepted the Tender by the Contractor for the execution and completion of such Works and the remedying of any defects therein at a contract price of Rupees.....

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expression shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all aspects with the provisions of the Contract.
3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying the defects wherein the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
4. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:
   i) Letter of Acceptance;
   ii) Notice to proceed with the works;
   iii) Contractor's Tender;
   iv) Contract Data;
   v) Conditions of contract (including Special Conditions of Contract);
   vi) Specifications;
   vii) Drawings;
   viii) Bill of Quantities; and

   ix) Any other document listed in the Contract Data as forming part of the contract.

In witness whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

The Common Seal of _____
was hereunto affixed in the presence of: Signed, Sealed and Delivered by the said _____

in the presence of:

Binding Signature of Employer_____
Binding Signature of Contractor_____

SECTION 5: CONDITIONS OF CONTRACT

Table of Contents

A. General **Page No.**

1. Definitions 38
2. Interpretation 39
3. Law governing contract 39
4. Employers decisions 39
5. Delegation 39
6. Communications 39
7. Subcontracting 39
8. Other Contractors 39
9. Personnel 40
10. Employer's and Contractor's risks 40
11. Employer's risks 40
12 Contractor's risks 40
13. Insurance 40
14. Site Investigation Report 41
15 Query about Contract Data 41
16 Contractor to construct the Works 41
17. The Works to be completed by Intended 41
Completion Date 41
18 Approvals by the Employer 41
19. Safety 42
20. Discoveries 42
21. Possession of the Site 42
22. Access to the Site 42
23. Instructions 42
24. Procedure for resolution of disputes 42

B. Time Control

25. Program 43
26. Extension of the Intended Completion Date 43
27. Delays ordered by the Employer 43
28. Management meetings 43

C. Quality Control

29. Identifying defects 43
30. Tests 44
31. Correction of defects 44
32. Uncorrected defects 44

D. Cost Control

33 Bill of Quantities (BOQ) 44
34 Variations 44
35. Payment for Variations 45
36. Submission of bills for payment 45
37 Payments 46
38. Compensation events 46
39. Tax 47
40 Price Adjustment 47
41. Liquidated damages 48
42. Advance Payments 48
43. Securities 49
44. Cost of repairs 49

E Finishing of Contract

45. Completion 49
46. Taking Over 50
47. Final account 50
48. As built drawings and/or Operating and Maintenance Manuals 50
49. Termination 50
50 Payment upon termination 51
51. Property 51
52. Release from performance 51

F Special Conditions of Contract 52
53. PenaltyforDelay

G Additional Clause 55

Conditions of Contract

A. General

1. Definitions

1.1 Terms which are defined in the Contract Data are not also defined in the Conditions of Contract but keep their defined meanings. Bold letters are used to identify defined terms.

Bill of Quantities means the priced and completed Bill of Quantities forming part of the Tender.
Compensation events are those defined in Clause 38 hereunder.
The **Completion Date** is the date of completion of the Works as certified by the Employer in accordance with Sub Clause 46.1.
The **Contract** is the contract between the Employer and the Contractor to execute, complete and maintain the Works. It consists of the documents listed in Clause 2.2 below.
The **Contract Data** defines the documents and other information which comprise the Contract.
The **Contractor** is a person or corporate body who's Tender to carry out the Works has been accepted by the Employer.
The **Contractor's Tender** is the completed Tender document submitted by the Contractor to the Employer.
The **Contract price** is the price stated in the Letter of Acceptance and thereafter as adjusted in accordance with the provisions of the Contract.
Days are calendar days; **months** are calendar months.
A **Defect** is any part of the Works not completed in accordance with the Contract.
The **Defects liability period** is the period named in the Contract Data and calculated from the Completion Date.
The **Employer** is the party who will employ the Contractor to carry out the Works.
Equipment is the Contractor's machinery and vehicles brought temporarily to the Site to construct the Works.
The **Initial Contract price** is the Contract Price listed in the Employer's Letter of Acceptance.
The **Intended Completion Date** is the date on which it is intended that the Contractor shall complete the Works. The Intended Completion Date is specified in the Contract Data. The Intended Completion Date may be revised only by the Employer by issuing an extension of time.
Materials are all supplies, including consumables, used by the contractor for incorporation in the Works.
Plant is any integral part of the Works which is to have a mechanical, electrical, electronic or chemical or biological function.
The **Site** is the area defined as such in the Contract Data.
Specification means the Specification of the Works included in the Contract and any modification or addition made or approved by the Employer.
The **Start Date** is given in the Contract Data. It is the date when the Contractor shall commence execution of the works. It does not necessarily coincide with any of the Site Possession Dates.

A **Subcontractor** is a person or corporate body who has a Contract with the Contractor to carry out a part of the work in the Contract which includes work on the Site.
A **Variation** is an instruction given by the Employer which varies the Works.
The **Works** are what the Contract requires the Contractor to construct, install, and turn over to the Employer, as defined in the Contract Data.

2. Interpretation

2.1 In interpreting these Conditions of Contract, singular also means plural, male also means female or neuter, and the other way around. Headings have no significance. Words have their normal meaning under the language of the Contract unless specifically defined. The Employer will provide instructions clarifying queries about the Conditions of Contract.

2.2 The documents forming the Contract shall be interpreted in the following order of priority:

(1) Agreement
(2) Letter of Acceptance, notice to proceed with the works
(3) Contractor's Tender
(4) Contract Data
(5) Conditions of Contract
(6) Specifications
(7) Drawings
(8) Bill of quantities and
(9) any other document listed in the Contract Data as forming part of the Contract.

3. Law governing contract

3.1 The law governing the Contract is the Laws of India supplanted by the Karnataka Local Acts.

4. Employer's decisions

4.1 Except where otherwise specifically stated, the Employer will decide contractual matters between the Employer and the Contractor.

5. Delegation

5.1 The Employer may delegate any of his duties and responsibilities to other people after notifying the Contractor and may cancel any delegation after notifying the Contractor.

6. Communications

6.1 Communications between parties which are referred to in the conditions are effective only when in writing. A notice shall be effective only when it is delivered (in terms of Indian Contract Act).

7. ~~Subcontracting~~

7.1 Deleted.

8. Other Contractors

8.1 The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities, and the Employer.

9. Personnel

9.1 The Contractor shall employ the technical personnel (of number and qualifications) as may be stipulated by GOK from time to time during the execution of the work. The technical staff so employed shall be available at site as may be stipulated by the Employer.

9.2 If the Employer asks the Contractor to remove a person who is a member of the Contractor's staff or his work force stating the reasons, the Contractor shall ensure that the person leaves the Site within seven days and has no further connection with the work in the Contract.

10. Employer's and Contractor's risks

10.1 The Employer carries the risks which this Contract states are Employer's risks, and the Contractor carries the risks which this Contract states are Contractor's risks.

11. Employer's risks

11.1.1 The Employer is responsible for the excepted risks which are:

(a) rebellion, riot commotion or disorder unless solely restricted to employees of the Contractor or his Sub-Contractors arising from the conduct of the Works; or

(b) a cause due solely to the design of the Works, other than the Contractor's design; or

(c) any operation of the forces of nature (in so far as it occurs on the Site) which an experienced contractor:

(i) could not have reasonably foreseen; or

(ii) could reasonably have foreseen, but against which he could not reasonably have taken at WEST Zone Zone one of the following measures;

(A) prevent loss or damage to physical property from occurring by taking appropriate measures or

(B) insure against such loss or damage

12. Contractor's risks

12.1 All risks of loss of or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract other than the excepted risks are the responsibility of the Contractor.

13. Insurance:

13.1 The Contractor shall prior to commencing the works, effect and thereafter maintain insurances , in the joint names of the Employer and the Contractor, (cover from the first working day after the Start Date to the end of Defects Liability Period), in the amounts stated in the Contract Data :

(a) for loss of or damage to the Works, Plants and Materials and the Contractor's equipment;

(b) for liability of both Parties for loss, damage, death and injury to third parties or their property arising out of the Contractor's performance of the Contract

including the Contractor's liability for damage to the Employer's property other than the Works and

(c) for liability of both Parties and of any Employer's representative for death and injury to the Contractor's personnel except to the extent that liability arises from the negligence of the Employer, any Employer's representative or their Employees.

13.2 Policies and certificates for insurance shall be delivered by the Contractor to the Employer for his approval before the Start Date. All such insurance shall provide for compensation to be payable to rectify the loss or damage incurred. All payments received from insurers relating to loss or damage shall be held jointly by the Parties and used for the repair of the loss or damage or as compensation for loss or damage that is not to be repaired.

13.3 If the Contractor fails to effect or keep in force any of the insurances referred to in the previous sub-clauses or fails to provide satisfactory evidence, policies or receipts, the Employer may without prejudice to any other right or remedy, effect insurance for the cover relevant to such default and pay the premiums due and recover the same as a deduction from any other monies due to the Contractor. If no payments are due, the payment of the premiums shall be a debt due.

13.4 Alterations to the terms of insurance shall not be made without the approval of the
Employer.

13.5 Both Parties shall comply with any conditions of the insurance policies.

14. Site Investigation Reports:

14.1 The Contractor, in preparing the tender, shall rely on any site investigation reports referred to in the Contract data, supplemented by any information available to the Tenderer.

15. Queries about the Contract Data

15.1 The Employer will clarify queries on the Contract Data.

16. Contractor to construct the Works

16.1 The Contractor shall construct the Works in accordance with the Specification and Drawings.

17. The Works to be completed by the Intended Completion Date

17.1 The Contractor may commence execution of the Works on the Start Date and shall carry out the Works in accordance with the program submitted by the Contractor, as updated with the approval of the Employer, and complete them by the Intended Completion Date.

18. Approval by the Employer:

18.1 The Contractor shall submit Specification and drawings showing the proposed Temporary Works to the Employer, who is to approve them if they comply with the Specifications and Drawings.

18.2 The Contractor shall be responsible for the design of Temporary Works

18.3 The Employer's approval shall not alter the Contractor's responsibility for design of the Temporary Works.

18.4 The Contractor shall obtain approval of third parties to the design of third parties to the design of the temporary Works where required.

18.5 All Drawings prepared by the Contractor for the execution of the temporary or permanent Works, are subject to prior approval by the Employer before their use.

19. Safety

19.1 The Contractor shall be responsible for the safety of all activities on the Site.

19.2 Contractor **should provide safety equipment** to all working labours. shoes, hand glows, helmets, etc… Should provide Signage, Caution Boards, Barricade, Caution Taps..Etc..as per site condition.

20. Discoveries

20.1 Anything of historical or other interest or of significant value unexpectedly discovered on the Site is the property of the Employer. The Contractor is to notify the Employer of such discoveries and carry out the Employer's instructions for dealing with them.

21. Possession of the Site

21.1 The Employer shall give possession of all parts of the Site to the Contractor. If possession of a part is not given by the date stated in the Contract Data the Employer is deemed to have delayed the start of the relevant activities and this will be Compensation Event.

22. Access to the Site

22.1 The Contractor shall allow the Employer and any person authorized by the Employer access to the Site, to any place where work in connection with the Contract is being carried out or is intended to be carried out and to any place where materials or plant are being manufactured / fabricated / assembled for the works.

23. Instructions

23.1 The Contractor shall carry out all instructions of the Employer which comply with the applicable laws where the Site is located.

24. Procedure for resolution of Disputes:

24.1 If the Contractor is not satisfied with the decision taken by the Employer, the dispute shall be referred by either party to Arbitration within 30 days of the notification of the Employer's decision.

24.2 If neither party refers the dispute to Arbitration within the above 30 days, the Employer's decision will be final and binding.

24.3 The Arbitration shall be conducted in accordance with the arbitration procedure stated in the Special Conditions of Contract.

B. Time Control

25. Program

25.1 Within the time stated in the Contract Data the Contractor shall submit to the Employer for approval a Program showing the general methods, arrangements, order, and timing for all the activities in the Works.

25.2 The Employer's approval of the Program shall not alter the Contractor's obligations. The Contractor may revise the Program and submit it to the Employer again at any time. A revised Program is to show the effect of Variations and Compensation Events.

26. Extension of the Intended Completion Date

26.1 The Employer shall extend the Intended Completion Date if a Compensation Event occurs or a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date.

26.2 The Employer shall decide whether and by how much to extend the Intended Completion Date within 21 days of the Contractor asking the Employer for a decision upon the effect of a Compensation Event or Variation and submitting full supporting information.

27. Delays ordered by the Employer

27.1 The Employer may instruct the Contractor to delay the start or progress of any activity within the Works.

28. Management meetings

28.1 The Employer may require the Contractor to attend a management meeting. The business of a management meeting shall be to review the progress achieved and the plans for remaining work.

28.2 The responsibility of the parties for actions to be taken is to be decided by the Employer either at the management meeting or after the management meeting and stated in writing to be distributed to all who attended the meeting.

C. Quality Control

29. Identifying defects

29.1 The Employer shall check the Contractor's work and notify the Contractor of any Defects that are found. Such checking shall not affect the Contractor's responsibilities. The Employer may instruct the Contractor to search for a Defect and to uncover and test any work that the Employer considers may have a Defect.

29.2 The Employer may appoint, mandate, outsource quality control to an independent agency or constitute a Committee of __ members on Quality Control (CQC). The CQC shall perform its duties as stated by the Employer at the time of appointment / formation.

30. Tests

30.1 If the Employer instructs the Contractor to carry out a test not specified in the Specification to check whether any work has a Defect and the test shows that it does, the Contractor shall pay for the test and any samples. If there is no Defect the test shall be a Compensation Event.

31. Correction of defects

31.1 The Employer shall give notice to the Contractor of any Defects before the end of the Defects Liability Period, which begins at Completion and is defined in the Contract Data. The Defects Liability Period shall be extended for as long as Defects remain to be corrected.

31.2 Every time notice of a Defect is given, the Contractor shall correct the notified Defect within the length of time specified by the Employer's notice.

32. Uncorrected defects

32.1.1 If the Contractor has not corrected a Defect within the time specified in the Employer's notice, the Employer will assess the cost of having the Defect corrected, and the Contractor will pay this amount.

D. Cost Control

33. Bill of Quantities (BOQ)

33.1 The BOQ shall contain items for the construction, installation, testing, and commissioning work to be done by the Contractor.

33.2 The BOQ is used to calculate the Contract Price. The Contractor is paid for the quantity of the work done at the rate in the BOQ for each item.

34. Variations

34.1 The Employer shall have power to order the Contractor to do any or all of the following as considered necessary or advisable during the progress of the work by him

(a) Increase or decrease of any item of work included in the Bill of Quantities (BOQ);
(b) Omit any item of work;
(c) Change the character or quality or kind of any item of work;
(d) Change the levels, lines, positions and dimensions of any part of the work;
(e) Execute additional items of work of any kind necessary for the completion of the works; and
(f) Change in any specified sequence, methods or timing of construction of any part of the work.

34.2 The Contractor shall be bound to carry out the work in accordance with any instructions in this connection, which may be given to him in writing by the Employer and such alteration shall not vitiate or invalidate the contract.

34.3 Variations shall not be made by the Contractor without an order in writing by the Employer, provided that no order in writing shall be required for increase or decrease in the quantity of an item appearing in the BOQ so long as the work executed conforms to the approved drawings.

34.4 The Contractor shall promptly request in writing to the Employer to confirm verbal orders andtheofficer issuing oral instructions shall confirm it in writing within 30 days, failing which the works shall be carried out as though there is no variation. In case variation is approved it shall be accompanied by BOQ,

failing which the contractor shall be responsible for deviation if any. Further, approval of Govt. has to be obtained for the variation exceeding 5%.

35. Payments for Variations

35.1 Payment for increase in the quantities of an item in the BOQ up to 25% of that provided in the Bill of Quantities shall be made at the rates quoted by the Contractor.

35.2 For quantities in excess of 125% of the tendered quantity of an item as given in the BOQ, the Contractor shall be paid at the rate entered in or derived from in the Schedule of Rates (applicable for the area of the work and current at the time of award of contract) plus or minus the overall percentage of the original tendered rates over the current Schedule of Rates prevalent at the time of award of contract.

35.3 If there is no rate for the additional, substituted or altered item of the work in the BOQ, efforts would be made to derive the rates from those given in the BOQ or the Schedule of Rates (applicable for the area of the work and current at the time of award of contract) and if found feasible the payment would be made at the derived rate for the item plus or minus the overall percentage of the original tendered rates over the current Schedule of Rates prevalent at the time of award of contract

35.4 If the rates for additional, substituted or altered item of work cannot be determined either as at 35.1 or 35.2 or 35.3 above, the Contractor shall be requested to submit his quotation for the items supported by analysis of the rate or rates claimed, within 7 days.

35.5 If the Contractor's quotation is determined unreasonable, the Employer may order the Variation and make a change to the Contract Price which shall be based on Employer’s own forecast of the effects of the Variation on the Contractor's costs.

35.6 If the Employer decides that the urgency of varying the work would prevent a quotation being given and considered without delaying the work, no quotation shall be given and the Variation shall be treated as a Compensation Event.

35.7 Under no circumstances the Contractor shall suspend the work on the plea of non-settlement of rates for items falling under this Clause.

36. Submission of bills for payment

36.1 The Contractor shall submit to the Employer monthly bills of the value of the work completed less the cumulative amount paid previously.

36.2 The Employer shall check the Contractor's bill and determine the value of the work executed which shall comprise of (i) value of the quantities of the items in the BOQ completed and (ii) valuation of Variations and Compensation Events.

36.3 The Employer may exclude any item paid in a previous bill or reduce the proportion of any item previously paid in the light of later information.

37. Payments

37.1 Payments shall be adjusted for deductions for advance payments, other recoveries in terms of the contract and taxes, at source, as applicable under the law. The Employer shall pay the Contractor the within 90 days of submission of bill (subject to availability of grant at accounts section and decision of Chief

Commissioner) . The contractor shall be liable to pay liquidated damages for short fall in progress.

For progress beyond the agreed program payment is subject to availability of grants.

37.2 Items of the Works for which no rate or price has been entered in will not be paid for by the Employer and shall be deemed covered by other rates and prices in the Contract.

38. Compensation events

38.1 The following are Compensation events unless they are caused by the Contractor:

(a) The Employer does not give access to a part of the Site by the Site Possession Date stated in the Contract Data.
(b) The Employer orders a delay or does not issue drawings, specifications or instructions required for execution of works on time.
(c) The Employer instructs the Contractor to uncover or to carry out additional tests upon work which is then found to have no Defects.
(d) The Employer gives an instruction for dealing with an unforeseen condition, caused by the Employer, or additional work required for safety or other reasons.
(e) The effect on the Contractor of any of the Employer's Risks.
(f) The Employer unreasonably delays issuing a Certificate of Completion.
(g) Other Compensation Events listed in the Contract Data or mentioned in the Contract.

38.2 If a Compensation Event would cause additional cost or would prevent the work being completed before the Intended Completion Date, the Contract Price shall be increased and/or the Intended Completion Date is extended. The Employer shall decide whether and by how much the Contract Price shall be increased and whether and by how much the Intended Completion Date shall be extended.

38.3 As soon as information demonstrating the effect of each Compensation event upon the Contractor's forecast cost has been provided by the Contractor, it is to be assessed by the Employer and the Contract Price shall be adjusted accordingly. If the Contractor's forecast is deemed unreasonable, the Employer shall adjust the Contract Price based on Employer's own forecast. The Employer will assume that the Contractor will react competently and promptly to the event.

38.4 The Contractor shall not be entitled to compensation to the extent that the Employer's interests are adversely affected by the Contractor not having given early warning or not having cooperated with the Employer.

39. Tax

39.1 The rates quoted by the Contractor shall be deemed to be inclusive of sale and other taxes that the contractor will have to pay for the performance of this contract. ExcludingGST (GST.Will be paid by the employer to contractor.as mentioned in Note of Section-9 of BOQ.)

40. PriceAdjustment:

40.1 Contract price shall be adjusted for increase or decrease in rates and prices of labour, materials, fuels and lubricants in accordance with

the following principles and procedures and as per formulae given in the Contract Data.(Refer:GOK Order No.FD 59 Pro.Cell 2004, Bangalore Dated 26th November 2004).

(a) The price Adjustment shall apply for the work done from the date of commencement up to the end of original period of completion or extensions granted by the Employers / Authorized representative and shall not apply to work carried out beyond the stipulated period of completion for reasons attributable to the Contractor;

(b) Price Adjustment shall be admissible from the date of opening of tenders (original or extended)

(c) The price adjustment shall be determined during each quarter from the formulae given in Contract Data.

(d) Following expressions and meanings are assigned to the work done during the quarter:

R = Total value of work done during the quarter. It will **exclude** value for works executed under variations for which price adjustment (if any) will be worked out separately based on the terms mutually agreed.

40.2 To the extent that full compensation for any rise or fall in costs to the contractor is not covered by the provisions of this or other Clauses in the Contract, the unit rates included in the contract shall be deemed to include amounts to cover the contingency of such other rise or fall incosts.

41. Liquidated damages

41.1 The Contractor shall pay liquidated damages to the Employer at the rate per day stated in the Contract Data for each day that the Completion Date is later than the Intended Completion Date (for the whole of the works or the milestone as stated in the Contract Data). The total amount of liquidated damages shall not exceed the amount defined in the Contract Data. The Employer may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages does not affect the Contractor's liabilities.

41.2 If the Intended Completion Date is extended after liquidated damages have been paid, the Employer shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment of bill.

42. ~~Advance Payments:~~

~~42.1 Advance amount will be paid to the successful tenderer as per the percentage mentioned in the contract data.~~

~~42.1 The Employer shall make payment to the Contractor of the amounts stated in theContract Data by the date stated in the Contract Data, against provision by theContractor of an unconditional bank guarantee in a form acceptable to the Employerissued by a Nationalized Bank in amounts equal to the advance payment. Theguarantee shall remain effective until the advance payment has been repaid, but theamount of the guarantee shall be progressively reduced by the amounts repaid by theContractor.~~

~~The following are the advances propose~~

~~Nature of Advance~~	~~Amount (Rs.)~~	~~Conditions to be fulfilled~~
~~Mobilization & Machinery advance~~	~~10 % of the Contract price~~	~~(a) On submission of irreversible Bank Guarantee from local branch of Nationalized bank valued for full period of contract period (b) Drawn on or before Ninety (90) days from the signing ofthe agreement. (c) The contractor shall furnishBank guarantees of 10%, valid for full period of contract, (d) After equipment is brought to site with good working condition (provided the~~

		~~Engineer in- charge shall Certify that the equipment is required for performance ofthe tender requirement after submission Equipment Document Invoices. RC Book etc..along with GPS Stamp Photos).~~

~~42.2 Repayment of advance payment for mobilization :~~

~~The advance loan shall be repaid with percentage deductions from the interim payments certified by the Engineer under the Contract. Deductions shall commence in the next Interim Payment Certificate following that in which the total of all such payments to the Contractor has reached not less than 10 percent of the Contract Price or 12 months from the date of payment of first installment of advance, whichever period concludes earlier, and shall be made at the rate of 5% percent of the amounts of all Interim Payment Certificates until such time as the loan has been repaid, always provided that the loan shall be completely repaid prior to the expiry of the original time for completion pursuant to Clauses 17 and 26.~~

~~42.3 The following events shall also be fundamental breach of the contract :~~

~~1. The contractor has contravened Sub clause 7.1 and Clause 9 of CC. The percentage to apply to the value of the work not completed representing the Employer's [50.1] additional cost for completing the Works shall be 30 percent~~

43. Securities:

The Security deposit (including additional security for unbalanced tenders) shall be provided to the Employer no later than the date specified in the Letter of Acceptance and shall be issued in an amount and form and type of instrument acceptable to the Employer. The Security deposit shall be valid until a date 30 days from the date of expiry of Defects Liability Period and the additional security for unbalanced tenders shall be valid until a date 30 days from the date of issue of the certificate of completion.

44. Cost of Repairs:

44.1 Loss or damage to the Works or Materials to be incorporated in the Works between the Start Date and the end of the Defects Correction periods shall be remedied by the Contractor at the Contractor's cost if the loss or damage arises from the Contractor's acts or omissions.

E. Finishing the Contract

45. Completion

45.1 The Contractor shall request the Employer to issue a Certificate of Completion of the Works and the Employer will do so upon deciding that the Work is completed.

46. Taking over

46.1 The Employer shall take over the Site and the Works within seven days of issuing a certificate of Completion.

47. Final account

47.1 The Contractor shall supply to the Employer a detailed account of the total amount that the Contractor considers payable under the Contract before the end of the Defects Liability Period. The Employer shall issue a Defect Liability Certificate and certify any final payment that is due to the Contractor within 90 days of receiving the Contractor's account if it is correct and complete. If it is not, the Employer shall issue within 90 days a schedule that states the scope of the corrections or additions that are necessary. If the Final Account is still unsatisfactory after it has been resubmitted, the Employer shall decide on the amount payable to the Contractor and make payment within 60 days of receiving the Contractor's revised account.

48. As built drawings and /or Operating and Maintenance Manuals

48.1 If "as built"[3] Drawings and/or operating and maintenance manuals are required, the Contractor shall supply them by the dates stated in the Contract Data.

48.2 If the Contractor does not supply the Drawings by the dates stated in the Contract Data, or they do not receive the Employer's approval, the Employer shall withhold the amount stated in the Contract Data from payments due to the Contractor.

49. Termination

49.1 The Employer may terminate the Contract if the other party causes a fundamental breach of the Contract.

49.2 Fundamental breaches of Contract include, but shall not be limited to the following:

(a) the Contractor stops work for 45 days when no stoppage of work is shown on the current Program and the stoppage has not been authorized by the Employer;
(b) Deleted.
(c) The Contractor becomes bankrupt or goes into liquidation other than for a reconstruction or amalgamation;
(d) Deleted.
(e) the Employer gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Employer;
(f) the Contractor does not maintain a security which is required;

(g) the Contractor has delayed the completion of works by the number of days for which the maximum amount of liquidated damages can be paid as defined in the Contract data; and

(h) if the Contractor, in the judgment of the Employer has engaged in corrupt or fraudulent practices in competing for or in the executing the Contract. For the purpose of this paragraph : "corrupt practice" means the offering, giving, receiving or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution. "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Tenderers (prior to or after Tender submission) designed to establish Tender prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition."

49.3 When either party to the Contract gives notice of a breach of contract to the Employer for a cause other than those listed under Sub Clause 49.2 above, the Employer shall decide whether the breach is fundamental or not.

49.4 Notwithstanding the above, the Employer may terminate the Contract for convenience.

49.5 If the Contract is terminated the Contractor shall stop work immediately, make the Site safe and secure and leave the Site as soon as reasonably possible.

50. Payment upon Termination

50.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Employer shall prepare bill for the value of the work done less advance payments received up to the date of the bill, less other recoveries due in terms of the contract, less taxes due to be deducted at source as per applicable law and less the percentage to apply to the work not completed as indicated in the Contract Data. Additional Liquidated Damages shall not apply. If the total amount due to the Employer exceeds any payment due to the Contractor the difference shall be a debt payable to the Employer.

50.2 If the Contract is terminated at the Employer's convenience or because of a fundamental breach of Contract by the Employer, the Employer shall prepare bill for the value of the work done, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works and less advance payments received up to the date of the certificate, less other recoveries due in terms of the contract, and less taxes due to be deducted at source as per applicable law and make payment accordingly.

51. Property

51.1 All materials on the Site, Plant, Equipment, Temporary Works and Works are deemed to be the property of the Employer, if the Contract is terminated because of a Contractor's default.

52. Release from performance

52.1 If the Contract is frustrated byany event entirely outside the control of either the Employer or the Contractor the Employer shall certify that the Contract has been frustrated. The Contractor shall make the Site safe and stop work as quickly as

possible after receiving this certificate and shall be paid for all work carried out before receiving it and for any work carried out afterwards to which commitment was made

F. Special Conditions of Contract

53 Penalty for Delay:

a. After acceptance of the tender, the Employer / Authorized representative shall issue a written order to the successful Tenderer to commence the work. The Contractor shall enter upon or commence any portion of work only with the written authority and instructions of the Employer / Authorized representative. Without such instructions the Contractor shall have no claim to demand for measurements of or payment for, work done byhim.

b. The time allowed for carrying out the work as entered in the tender shall be strictly observed by the Contractor. It shall be reckoned from the date of issue of work order to the Contractor. The work shall throughout the stipulated period of the Contract be proceeded with, with all due diligence (time being deemed to be the essence of the Contract on the part of the Contractor). To ensure good progress during the execution of the work, the Contractor shall be bound (in all cases in which the time allowed for any work exceeds one month) to comply with the time schedule according to the programme of execution of the work as agreed upon and enclosed to theContract.

   The Contractor shall make Work Scheduling in MS project and furnish planned monthly stipulated financial and physical progress for assessment of shortfall in the form of cash flow statements, PERT &CPMCharts.

c. The progress of works shall be reviewed by the Authorized representative / Engineer- in-charge and the PMC Consultants on regular basis with the Contractor based on the above programme furnished by thecontractor.

d. To the extent the shortfall is assessed, as due to the delay on the part of the Contractor a notice shall be issued to him by the Authorized representative / Engineer-in-charge to make up the shortfall in the succeeding month. If the shortfall is not made up before the next review of progress of work, the Contractor shall be liable to pay penalty as indicatedbelow.

e. In respect of the shortfall in progress, assessed as due to the delay on the part of Contractor the Contractor shall be liable to pay as penalty an amount as specified in the contractdata.

f. In the event of any of the above courses being adopted by the Authorized representative / Engineer-in-charge, the Contractor shall have no claimtocompensation for any loss sustained by him by reason of his having purchased, or procured any materials, or entered into any engagements, or made any advances on account of, or with a view to the execution of the work and the performance of the Contract. And in case the Contract shall be rescinded under the provision aforesaid, the Contractor shall be entitled to recover or be paid any sum for any work therefore actually performed by him under this Contract, unless and until the Authorized representative / Engineer-in-charge shall have certified in writing the performance of such work and the amount payable in respect thereof, and he shall only be entitled to be paid the amount so certified.

1. Labor:

The Contractor shall, unless otherwise provided in the Contract, make his own arrangements for the engagement of all staff and labour, local or other, and for their payment, housing, feeding and transport.The Contractor shall, if required by the Employer, deliver to the Employer a return in detail, in such form and at such intervals as the Employer may prescribe, showing the staff and the numbers of the several classes of labour from time to time employed by the Contractor on the Site and such other information as the Employer may require.

2. Compliance with labor regulations:

During continuance of the contract, the Contractor and his sub contractors shall abide at all times by all existing labour enactments and rules made there under, regulations, notifications and bye laws of the State or Central Government or local authority and any other labour law (including rules), regulations, bye laws that may be passed or notification that may be issued under any labour law in future either by the State or the Central Government or the local authority. The Contractor shall keep the Employer indemnified in case any action is taken against the Employer by the competent authority on account of contravention of any of the provisions of any Act or rules made there under, regulations or notifications including amendments. If the Employer is caused to pay or reimburse, such amounts as may be necessary to cause or observe, or for non-observance of the provisions stipulated in the notifications/bye laws/Acts/Rules/regulations including amendments, if any, on the part of the Contractor, Employer shall have the right to deduct any money due to the Contractor including his amount of security deposit. The Employer shall also have right to recover from the Contractor any sum required or estimated to be required for making good the loss or damage suffered by the Employer.

The employees of the Contractor and the Sub-Contractor in no case shall be treated as the employees of the Employer at any point of time.

3. Protection of Environment:

The contractor shall take all reasonable steps to protect the environment on and off the Site and to avoid damage or nuisance to persons or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of his methods of operation. During continuance of the contract, the contractor and his sub-contractors shall abide at all times by all existing enactments on environmental protection and rules made there under, regulations, notifications and bye-laws of the State or Central Government, or local authorities and any other law, bye-law, regulations that may be passed or notification that may be issued in this respect in future by the State or Central Government or the local authority.

G. Additional Clause :

In the case of the death of a contractor after executing the agreement/ commencement of the work, his legal heir, if an eligible registered contractor and willing, can execute and complete the work at the accepted tender rates irrespective of the cost of the work.

[Add other Clauses specific to the work for which tenders are invited.]

54. Arbitration (Clause 24)

54.1 The procedure for arbitration shall be as follows:

(a) In case of dispute or difference arising between the Employer and the Contractor relating to any matter arising out of or connected with this agreement it shall be settled in accordance with the Arbitration and Conciliation Act 1996. The disputes or differences shall be referred to a Sole Arbitrator. The Sole Arbitrator shall be appointed by agreement between the parties; failing such agreement, by the Appointing Authority (any one of the Organizations as per list enclosed in Annexure)

(b) Arbitration proceedings shall be held at Bangalore, Karnataka, India

(c) The cost and expenses of arbitration proceedings will be paid as determined by the Arbitrator. However the expenses incurred by each party in connection with the preparation, presentation, etc., shall be borne by each party itself.

(d) **Performance under the contract shall continue during the arbitration proceedings and payments due the Contractor by the Employer shall not be withheld, unless they are the subject matter of the arbitration proceedings.**

Annexure:

LIST OF ORGANIZATIONS WHO ARE CONSIDERED AS APPOINTING AUTHORITY FOR APPOINTMENT OF ARBITRATORS[4]

1. Indian Council of Arbitration, New Delhi;
2. International Centre for Alternative Disputes Resolution (India);
3. Indian Roads Congress;
4. Indian Building Congress;
5. Indian Institute of Bridge Engineers;
6. Indian Institute of Public Health Engineers;
7. Institute of Water Works

SECTION 6: CONTRACT DATA

Items marked "N/A" do not apply in this Contract.

The following documents are also part of the Contract: **Clause Reference**

- The Schedule of Operating and Maintenance Manuals [48]
- The Methodology and Program of Construction [25]
- Site Investigation Reports [14]
- The Schedule of Key and Critical Equipment to be deployed on the work as per agreed program of construction. [25]

The Employer is :
Name: The Executive Engineer [1.1]
Address: SWD-WEST Zone,
SWD- WESTZone.,
BBMP, 9th Floor, 4th Block,
Jayanagara, Bangalore-560011
Name of authorized Representative: Executive Engineer

The name and identification number of the Contract is**"Construction of RCC Bridge and road across V-100 connecting Vijayanagar Pipe Line Road to Mysore Road in Padharayanpura & RCC Box Culvert of Various vent size wherever damaged in Chamarjpete Constituency in West Zone".**

- Tender Reference No: EE/SWD/West/TEND/03/2023-24Dated :07/02/2024

-DO NOT OPEN BEFORE the date mentioned in e-portal [1.1]
The Works consists of Construction of RCC Retaining Wall
[Brief summary, including relationship to other contracts under the Project].
The start date shall be the date of issue of notice to proceed with the work.[1.1]

The Intended Completion Date for the whole of the Works is **11 Months** with the following milestones-[17, 26]

(The location of works shall be from the list of works, prioritized/identified by the Engineer InCharge. Accordingly the work programme shall be prepared and got approved from theAuthorised representative).

Mile Stones	**Physical Works to be completed**	**Period from the date of issue of Notice to Proceed with the work (Months)**
Mile Stone -1	10 % of Contract Value	2
Mile Stone – 2	30 % of Contract Value	3
Mile Stone –3	30 % of Contract Value	3
Mile Stone – 4	30 % of Contract Value	3

The Site Possession Date is:Immediately after issuing of work order.
[21]

The Site is located at "**Construction of RCC Bridge and road across V-100 connecting Vijayanagar Pipe Line Road to Mysore Road in Padharayanpura & RCC Box Culvert of Various vent size wherever damaged in Chamarjpete Constituency in West Zone**" and is defined in drawing enclosed. [1.1]

The Defects Liability Period is **1 Year from date of completion**
[31]

Insurance requirements are as under: [13]

	Type of Cover	Minimum cover for Insurance[5]
(i)	Works and of Plant and materials	The sum stated in the Agreement plus 20%
(ii)	Loss or damage to equipment	Full replacement cost
(iii)	Loss or damage to property of Third Party	Full replacement cost
(iv)	Personal injury or death insurance (a) for Third Party[6]	Rs.20 lakhs covering minimum 4 persons
	(b) for Contractor's employees or labour	In accordance with the statutory requirements applicable to Karnataka

The liquidated damages for the whole of the works is ten percent of final contract price and that for the milestones are as under:

For Milestone :0.010 % of Contract price per day

The maximum amount of liquidated damages for the whole of the works [41]is ten percent of final contract price i.e.

~~The Advance Payments are:-~~

~~The amounts of the advance payment are: [42] Nature of Advance Amount (Rs.) Conditions to be fulfilled 1. Mobilization 10% of the Contract price On submission of un-conditional Bank Guarantee. (to be drawn before end of 10% of Contract period)~~

~~The amounts of the advance payment are:~~

~~Nature of Advance Amount (Rs.) Conditions to be fulfilled 1. Mobilization 10% of the Contract price On submission of un-conditional Bank Guarantee. (to be drawn before end of 10% of Contract period).~~

~~42.2 Repayment of advance payment for mobilization :~~

~~The advance payment shall be repaid with percentage deductions from the interim payments certified by the Engineer under the Contract. Deductions shall commence in the next Interim Payment Certificate following that in which the total of all such payments to the Contractor has reached not less than 5 percent of the Contract Price or 12 months from the date of payment of first installment of advance, whichever period concludes earlier, and shall be made at the rate of 10% percent of the amounts of all Interim Payment Certificates until such time as the Advance payment has been repaid, always provided that the Advance payment shall be completely repaid prior to the expiry of the original time for completion pursuant to Clauses 17 and 26~~.

~~The date by which "as built" drawing (in appropriate scale) in 2 sets are required is within 30 days of issue of certificate of completion of whole or section of the work as the case may be.~~

~~"The date by which operating & maintenance manuals are required is within 30 days of issue of certificate of completion of whole or section of the work as the case may be [48]~~

~~The amount to be withheld for failing to supply "as built" drawings or supply of Operation and Maintenance Manuals by the date required is [48]~~

~~The following events shall also be fundamental breach of the contract:[49.2]~~

~~1. The contractor has contravened Sub-clause 7.1 and Clause 9 of CC.~~

~~The percentage to apply to the value of the work not completed representing the Employer's Additional cost for completing the Works shall be 30 percent.[50.1]~~

Annexure - 1 - Price Escalation

A) Price Adjustment Formula for Works Contract:

R = Value of work as defined in Clause 40.1 of Conditions of Contract

(i) Adjustment for labourcomponent:

Price adjustment for increase or decrease in the cost due to labour shall be paid in accordance with the following formula:

$V_L = 0.85 * P_L/100 * R * (L_i-L_0)/L_0$ where,

V_L = Increase or decrease in the cost of work during the quarter under consideration due to changes in rates for local labour;

L_0 = The average consumer price index for industrial workers for Bangalore Centre for the Quarter preceding the date of opening of tenders as published by the Labour Bureau, Ministry of Labour, Government of India;

L_i = The average consumer price index for industrial workers for Bangalore centre for the quarter under consideration as published by Labour Bureau, Ministry of Labour, Government of India

P_L = Percentage of labour component of the work

(ii) Adjustment for CementComponent:

Price adjustment for increase or decrease in the cost of cement component procured by the contractor shall be paid in accordance with the following formula.

$V_C = 0.85 \text{ X } P_C /100 \text{ X R X } (C_i - C_o) / C_o$, Where,

V_C = Increase or decrease in the cost of the work during the quarter under consideration due to changes in the rates for cement;

C_o = The all India average wholesale price index for cement (Ordinary Portland Cement) for the quarter preceding the date of opening of the tenders as published by the Office of Economic Advisor, Ministry of Commerce and Industry, Government of India , New Delhi;

C_i = The all India average wholesale price index for cement (Ordinary Portland Cement) for the quarter under consideration as published by the Office of Economic Advisor, Ministry of Commerce and Industry, Government of India, New Delhi

P_C = Percentage of cement component of the work

Note: For the application of this clause index of Ordinary Portland Cement has been chosen to represent Cement Group. This may be changed depending on the major type of steel used depending on the nature of work.

(iii) Adjustment for SteelComponent:

Price adjustment for increase or decrease in the cost of steel procured by the contractor shall be paid in accordance with the following formula.

$V_S = 0.85 \times P_S / 100 \times R \times (S_i - S_o)/S_o$ where,

V_S = Increase or decrease in the cost of work during the quarter under consideration due to changes in the rates for steel;

S_o = The all India average wholesale price index for steel (M.S.Bars and rods) for the quarter preceding the date of opening of Bids as published by the Office of Economic Advisor, Ministry of Commerce and Industry, Government of India, New Delhi

S_i = The all India average wholesale price index for steel (M.S. Bars and Rods) for the quarter under consideration as published by the Office of Economic Advisor, Ministry of Commerce and Industry, New Delhi

P_S = Percentage of steel component of the work

Note: For the application of this clause, index of M.S.Bars and Rods has been chosen to represent steel group. This may be changed depending on the major type of steel used depending on the nature of work.

(iv) Adjustment of Fuel and lubricantcomponent

Price adjustment for increase or decrease in cost of Fuel and Lubricants shall be paid in accordance with the following formula:

$V_F = 0.85 \times P_F / 100 \times R \times (F_i - F_o)/ F_o$, Where,

V_F = Increase or decrease in the cost of work during the quarter under consideration due to changes in the rates for Fuel and Lubricants.

F_o = The official retail price of High Speed Diesel (HSD) at the IOC/HPCL/BPL or other consumer pump at Bangalore on the day 30 days prior to the date of opening ofBids.

F_i = the official retail price of HSD at the IOC/HPCL/BPL or other consumer pump at Bangalore for the 15^{th} day of the middle calendar month of the quarter under consideration.

P_F = Percentage of Fuel and Lubricant component of the work.

(v) Adjustment for Plant and Machinery SparesComponent

Price adjustment for increase or decrease in the cost of plant and machinery spares procured by the contractor shall be paid in accordance with the followingformula:

$V_P = 0.85 \times P_P/100 \times R \times (P_i - P_o)/P_o$, Where

V_P = Increase or decrease in the cost of work during the quarter under consideration due to changes in the rates for plant and machinery spares.

P_o = The all India average wholesale price index for Heavy machinery and parts for the quarter preceding the date of opening of bids, as published by the Office of the Economic Advisor, Ministry of Commerce and Industry, Government of India, New Delhi

P_i = The all India average wholesale price index for Heavy machinery and parts for the quarter under consideration as published by the Office of the Economic Advisor, Ministry of Commerce and Industry, Government of India, New Delhi

P_B = Percentage of Plant and Machinery Spares component of thework.

Note: For the application of this Clause index of Heavy Machinery and Parts has been chosen to represent the Plant and Machinery SparesGroup.

(vi) Adjustment for Othermaterials

Price adjustment for increase or decrease in the cost of other materials other than cement, steel, bitumen and Fuel and Lubricants, procured by the contractor shall be paid in accordance with the followingformula:

$V_M = 0.85 \times P_M/100 \times R \times (M_i - M_o)/M_o$, Where

V_M = Increase or decrease in the cost of work during the quarter under consideration due to changes in the rates for local materials other than cement, steel, bitumen and Fuel and Lubricants & Spares.

M_o = The all India average wholesale price index for all commodities for the quarter preceding the date of opening of bids, as published by the Office of the Economic Advisor, Ministry of Commerce and Industry, Government of India, New Delhi

M_i = The all India average wholesale price index for all commodities for the quarter under consideration as published by the Office of the Economic Advisor, Ministry of Commerce and Industry, Government of India, New Delhi

P_M = Percentage of other material component (Other than cement, steel, bitumen and Fuel and Lubricants & Spares) of the work.

The following percentages will govern the price adjustment for the entire works contract:

For Works Contract:

Sl. No	Description of Co-efficient	Range of Weightings %	Weightings %: Bidders to Specify below
1	Labor (P_L)	15 -20	
2	Cement (P_C)	15 - 20	
3	Steel (P_S)	10 - 15	
4	Fuel and Lubricants (P_F)	3 - 8	
5	Plant and Machinery Spares (P_P)	20- 30	
6	Other Materials (P_M)	15	15
	Total		**100**

SECTION 7: SPECIFICATIONS

(Enclosed Separately)

SECTION 8: DRAWINGS

(Enclosed Separately)

SECTION 9: BILL OF QUANTITIES

Sl. No.	Description of work	Unit	Total Qty	Rate is RS		Amount
				In Fig	In Words	
1	Dewatering on BHP basis by using water pump including diversion of stream, providing cofferdams, earthern bunds etc. as may be necessary for foundation and other parts of the the works and pumping out water during and after excavation as may be required by using 5.0 to 9.0 BHP pump etc. complete including all the leads and lift as directed by Engineer incharge.	Hr	8640.00			
2	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead . II By Mechanical means A Dismantling Brick / Tile work / rubble masonry / pitching / etc by mechanical means complete including all the leads and lift as directed by Engineer incharge.	Cum	755.50			
3	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead Item no-2.8 (ii) By Mechanical Means. B Prestressed / RCC grade M-20 & above complete including all the leads and lift as directed by Engineer incharge.	Cum	415.50			
4	Earth work excavation for Foundation by mechanical means for all works & depth upto 3 m, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenaces required to complete the workthe work 1.14.1 In all kinds of soils Depth upto 3 m complete including all the leads and lift as directed by Engineer incharge.	Cum	4858.25			
5	Providing and Filling in foundation with granite / trap broken metal 100mm. And down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift complete as per specifications complete including all the leads and lift as directed by Engineer incharge.	Cum	802.14			

6	Ready Mix Concrete (RMC) with Cement & Cementitious Materials Providing and laying in position Ready Mixed or Batch Mixed concrete as per IS 10262 mix design procedure for Cement Concrete works in all types of Structures other than Road works, using coarse aggregate and fine aggregate derived from natural sources, Ordinary Portland Cement (OPC) @ 75% & GGBS @ 25% proportion, admixtures to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the Engineer-in-charge. RMC M10 Grade complete including all the leads and lift as directed by Engineer incharge.	Cum	411.11			
7	Ready Mix Concrete (RMC) with Cement & Cementitious Materials Providing and laying in position Ready Mixed or Batch Mixed concrete as per IS 10262 mix design procedure for Cement Concrete works in all types of Structures other than Road works, using coarse aggregate and fine aggregate derived from natural sources, Ordinary Portland Cement (OPC) @ 75% & GGBS @ 25% proportion, admixtures to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the Engineer-in-charge RMC M25 Grade (Open Foundation)	Cum	191.90			
8	Ready Mix Concrete (RMC) with Cement & Cementitious Materials Providing and laying in position Ready Mixed or Batch Mixed concrete as per IS 10262 mix design procedure for Cement Concrete works in all types of Structures other than Road works, using coarse aggregate and fine aggregate derived from natural sources, Ordinary Portland Cement (OPC) @ 75% & GGBS @ 25% proportion, admixtures to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the Engineer-in-charge RMC M25 Grade (Sub Structure)	Cum	287.31			

9	Ready Mix Concrete (RMC) with Cement & Cementitious Materials Providing and laying in position Ready Mixed or Batch Mixed concrete as per IS 10262 mix design procedure for Cement Concrete works in all types of Structures other than Road works, using coarse aggregate and fine aggregate derived from natural sources, Ordinary Portland Cement (OPC) @ 75% & GGBS @ 25% proportion, admixtures to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the Engineer-in-charge RMC M30 Grade (Open Foundation)	Cum	937.63			
10	Ready Mix Concrete (RMC) with Cement & Cementitious Materials Providing and laying in position Ready Mixed or Batch Mixed concrete as per IS 10262 mix design procedure for Cement Concrete works in all types of Structures other than Road works, using coarse aggregate and fine aggregate derived from natural sources, Ordinary Portland Cement (OPC) @ 75% & GGBS @ 25% proportion, admixtures to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the Engineer-in-charge RMC M30 Grade (Sub Structure)	Cum	937.50			
11	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification All other type of structures	Tonne	226.22			
12	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification Foundations of Bridges.	Tonne	30.62			
13	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification Sub structure of Bridges complete including all the leads and lift as directed by Engineer incharge.	Tonne	22.13			

14	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification Super structure of Bridges complete including all the leads and lift as directed by Engineer incharge.	Tonne	27.96			
15	Ready Mix Concrete (RMC) with Cement & Cementitious Materials Providing and laying in position Ready Mixed or Batch Mixed concrete as per IS 10262 mix design procedure for Cement Concrete works in all types of Structures other than Road works, using coarse aggregate and fine aggregate derived from natural sources, Ordinary Portland Cement (OPC) @ 75% & GGBS @ 25% proportion, admixtures to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the Engineer-in-charge RMC M30 Grade (Solid Slab Super Structure).	Cum	839.02			
16	Loading and Unloading of Stone Boulder/Stone aggregates/Sand/Kankar/Moorum. (Tipper 14 m3) complete including all the leads and lift as directed by Engineer incharge.	Cum	4525.65			
17	Providing & fixing 20 mm thick compressible fibre boarding expansion joint complete as per drawing & Technical Specification complete including all the leads and lift as directed by Engineer incharge.	Rmtr	243.78			
18	Providing weep holes in Brick masonry/ Plain/ Reinforced concrete abutment, wing wall/ return wall with PVC Pipe 110mm outer dia at 2 kg per m2, extending through the full width of the structure with slope of 1V:20H towards drawing foce. Complete as per drawing and Technical Specifications 2706 & 2200 complete including all the leads and lift as directed by Engineer incharge.	Rmtr	986.00			
19	Providing and laying of **Filter media** with granular materials/ stone crushed aggregates satisfying the requirements laid down in clause 2504.2.2. of MoRTH specifications to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and provided over the entire surface behind abutment, wing wall and return wall to the full height compacted to a firm condition complete as per drawing and Technical Specification.	Cum	21.60			

20	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished seamless type tubes including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.	kg	76348.52			
21	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge. (Made of G.I. wire of dia 4 mm)	kg	1077.27			
22	Providing, laying, spreading and compacting graded stone aggregate to.Wet Mix Macadam (Plant mix method) Providing, laying, spreading and compacting graded stone aggregate to Wet Mix Macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density.Wet Mix Macadam (Plant mix method) complete including all the leads and lift as directed by Engineer incharge.	Cum	392.40			
23	Reinforced cement concrete M30 grade for approach slab including reinforcement and formwork complete as per drawing and Technical specification (Batching Plant) 1500, 1600, 1700 & 2704 complete including all the leads and lift as directed by Engineer incharge.	Cum	392.40			
24	Providing and laying U Bends of HDPE Pipe of 400mm to lead of drain to Joining SWD complete including all the leads and lift as directed by Engineer incharge.	no.	32.00			
25	Providing And Fixing ISW (Galvanised steel corrugated sheets) of Size 1.220m width and 2.4384m height of 0.40mm thickness weighing 9.52 kg per sheet including all lead and lift as directed by Engineer incharge.	q	2.48			

Note:

(1) Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities (refer: ITB Clause 11.2 and CC Clause 37.2).
(2) Unit rates and prices shall be quoted by the Tenderer in Indian Rupees.
(3) Where there is a discrepancy between the rate in figures and words, the lower of the two will govern. [ITT Clause 24.1(a)]
(4) Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by quantity, the unit rate quoted shall govern [ITT Clause 24.1 (b)]
(5) The rates quoted are to be inclusive of GST.

SECTION 10: FORMAT OF BANK GUARANTEE FOR SECURITY DEPOSIT

To:

The Executive Engineer,
SWD WESTZone,
BBMP, Bangalore.

WHEREAS _____ *[name and address of Contractor]* (hereinafter called "the Contractor") has undertaken, in pursuance of Contract No. _____ dated _____ to execute _____ *[name of Contract and brief description of Works]* (hereinafter called "the Contract");

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of Rs._____ *[amount of guarantee]* Rupees_____*[in words]*, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of _____ *[amount of guarantee]* as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until 30 days from the date of expiry of the Defects Liability Period.

Signature and seal of the guarantor _____
Name of Bank _____
Address _____
Date _____

-END-